

**WORKSHEET 6A  
PRESCRIBED GRAZING (CODE 528)  
FOOD AND FORAGE BALANCE IN A YEAR OR GRAZING SEASON**

<b>Name:</b>	<b>Farm No./Tract No.:</b>
<b>Address:</b>	<b>Field Number(s):</b>
<b>Cost-Share Program:</b>	<b>Contract Number:</b>

**ANIMAL UTILIZATION (DURING PERIOD CALCULATED)**

Animal Type \_\_\_\_\_ as an AU \_\_\_\_\_ x number (Table 1) x avg dm intake \_\_\_\_\_ lbs (Table 2) x \_\_\_\_\_ days (during period calculated)

= total dry matter needs \_\_\_\_\_

**I.**

**FORAGE PROVIDED (DURING PERIOD CALCULATED)**

**FORAGE/FEED UTILIZATION** (all in lbs of dry matter – hay equivalent during year or grazing season)

	<b>HAY FEED IN LBS OF DRY MATTER</b>	<b>POUNDS OF DRY MATTER EQUIVALENT</b>
<b>II. TYPE</b>	_____	_____
	_____	_____
	_____	_____
		<b>TOTAL HAY</b>
		_____
<b>III.</b>	<b>GRAZING VALUE IN HAY EQUIVALENT (TABLE 3)</b>	
	_____	_____
	_____	_____
	_____	_____
		<b>TOTAL GRAZING VALUE IN HAY EQUIVALENT</b>
		_____
<b>IV. TYPE</b>	<b>GRAIN SUPPLEMENT IN LBS OF HAY EQUIVALENT</b>	
	_____	_____
	_____	_____
	_____	_____
	_____	_____
		<b>TOTAL GRAIN VALUE IN HAY EQUIVALENT</b>
		_____
<b>V. TYPE</b>	<b>OTHER FOOD</b>	
	_____	_____
	_____	_____
	_____	_____
		<b>TOTAL OTHER FOOD IN LBS OF HAY EQUIVALENT</b>
		_____
		<b>TOTAL LBS OF DRY MATTER EQUIVALENT</b>
		_____

**Total lbs of dry matter equivalent needs to exceed total dry matter needs**

**Estimate tool: 1 lb of grain equals about 2 lbs of hay equivalent**


**Table 1 Animal Units (AU)**

Animal Type	Animal Unit (AU)
Dairy Milking Holstein	1.5
Dairy Milking Jersey	.90
Cow dry	.92
Cattle 1 year old	.6
Cattle 2 year old	.8
Cow calf	1.0
Bull mature	1.35
Sheep mature	.2
Lamb 1year	.15
Goat mature	.15
Kid mature	.1
Horse mature	1.25
Bison mature	1.0

**Table 2 Dry Matter Intake**

Livestock	Intake Rate
Lactating dairy	35 lbs
Stocker cattle, dairy heifers	30 lbs
Beef/cow/calf ,swine or horse	26 lbs
Sheep, goats	37 lbs

**Table 3 Production**

Pasture Quality	Tons/acre/year	Pounds/acre/rotation
Excellent	5.5	2200
	5.0	2000
	4.5	1800
	4.0	1600
	3.5	1200
Fair	3.0	1200

**Animal Utilization (Summarize in I)**

Multiply Columns 2 x 3 x 4 x 5 = Column 6

1	2	3	4	5	6
Livestock Type	Number of Animals	Animal Units (AU) From Table 1	DM intake from Table 2	Days Grazed	Total DM During period evaluated

**Production (Summarize in III)**

Multiply Columns 2 x 3 x 4 = Column 5

1	2	3	4	5
Pasture Field #	Acres	Pounds from Table 3	Number of times grazed per year	Total Production During period evaluated